

CHECK FOR SOFT BREECH LOCKS

A number of breech locks have turned up that are too soft to use with the M2 machine gun. Soft breech locks cause bad headspacing, which leads to ruptured rounds, damaged M2s, and injury to gunners.

So, armorers, before your M2s go to the field again, check their breech locks. **Any** breech locks that are cracked, chipped, burred, or heavily worn should be replaced.

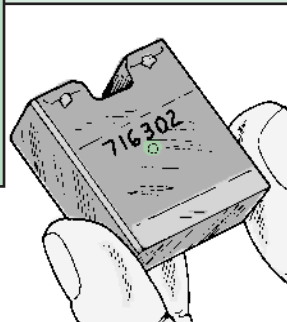
Breech locks stamped with part number 7161302 and those with no stamped part number should be tested by your support for hardness before they are used.

To be usable, a breech lock should test in the C50 to C60 range. To get the hardness tester, contact your local TACOM-Rock Island (TACOM-RI) logistics assistance representative (LAR) for help or contact the manufacturer directly. Call Pacific Transducer Corp at (310) 478-1134 and ask for hardness tester model 316 (scale C20-C65). It costs \$525.

If the breech lock passes the hardness test, mark it on the right and left sides with dots of yellow paint so that you know it's good.

Breech locks that don't pass should be turned in with an SF 368 quality

Put yellow dots on breech locks that pass hardness test



deficiency report (QDR) to TACOM-RI, ATTN: AMSTA-AR-QAW, Rock Island, IL 61299. Fax it to DSN 793-6653, (309) 782-6653. E-mail it to:

QAWQDRS@ria.army.mil.

Order replacement breech locks with NSN 1005-00-716-1302.

See TACOM-RI Safety-of-Use-Message (SOU) 99-03 for more info. Your TACOM-RI LAR has a copy.

M4 Meets the M203

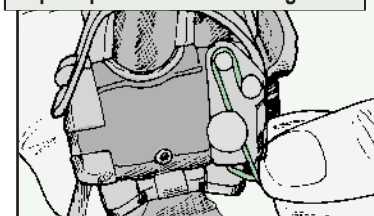
Everything isn't "just the same" when you mount the M203 grenade launcher on the M4/M4A1 carbine instead of the M16A2 rifle, armorers.

For one thing, an accidental nudge to the M203's quick-release button can let the M203 come loose. A retaining spring, NSN 5340-01-452-9637, keeps that from happening. Fit the spring on the bracket behind the button to prevent the button from being depressed.

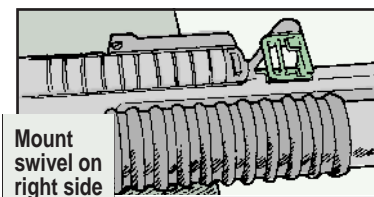
When the M203 is mounted on the M4/M4A1, the sling swivel can't be mounted on the left side of the barrel because it interferes with the M203 barrel release latch. Solution: Mount the sling swivel on the right side. See Para 2-16 in TM 9-1005-319-23&P for the procedure.

When the M203 is mounted on the M16 rifle, the handguard holds the pin for the barrel stop in place. But the M4/M4A1 handguard doesn't reach that far, so the pin can work out. No problem. Stake the hole edge once only on both sides of the receiver with a center punch.

Clip keeps barrel from coming loose



Mount swivel on right side



Stake pin hole edge once only on both sides of receiver

